

## Optical Switch Having an Optically Addressed MEMS Array

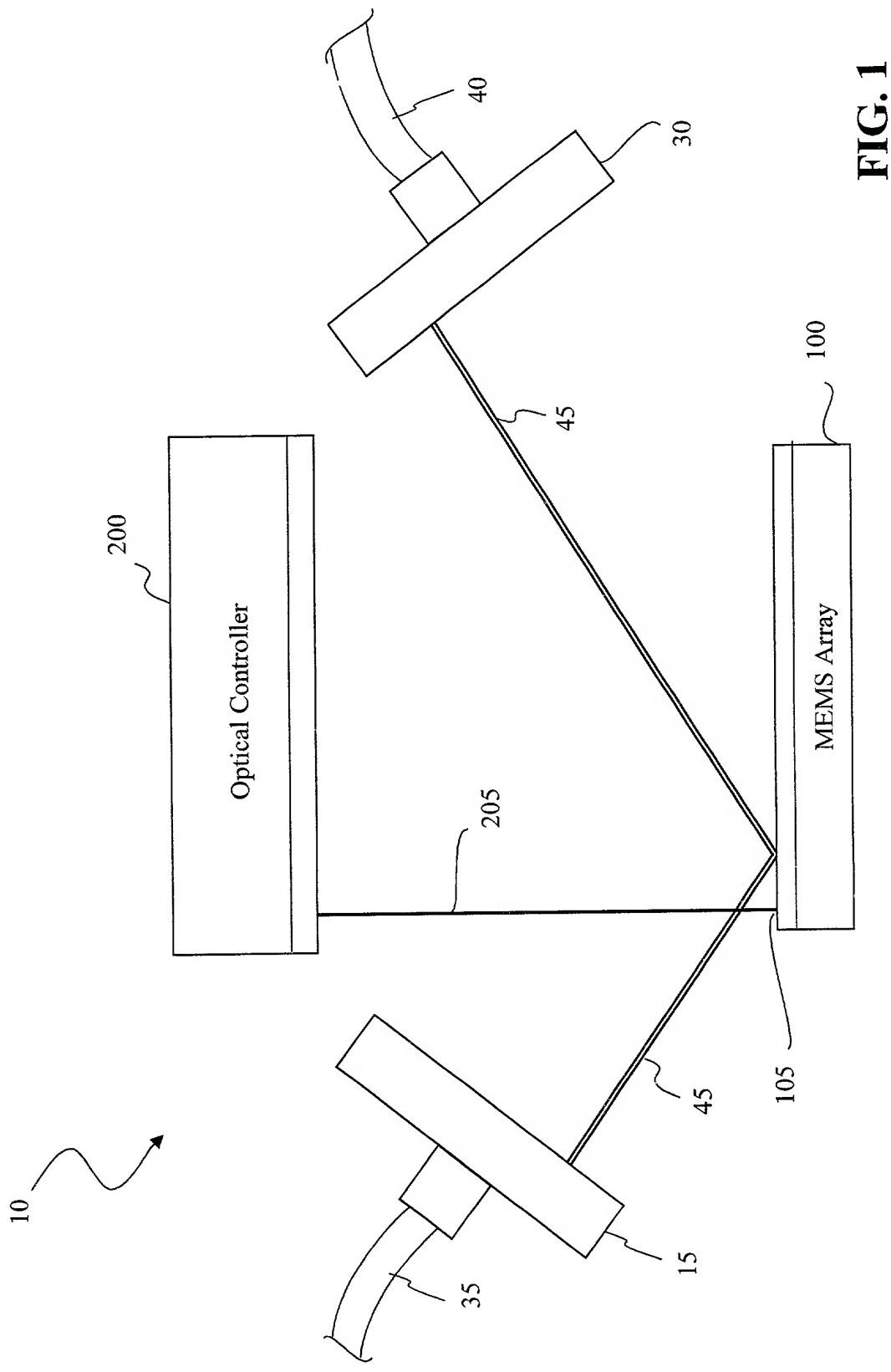
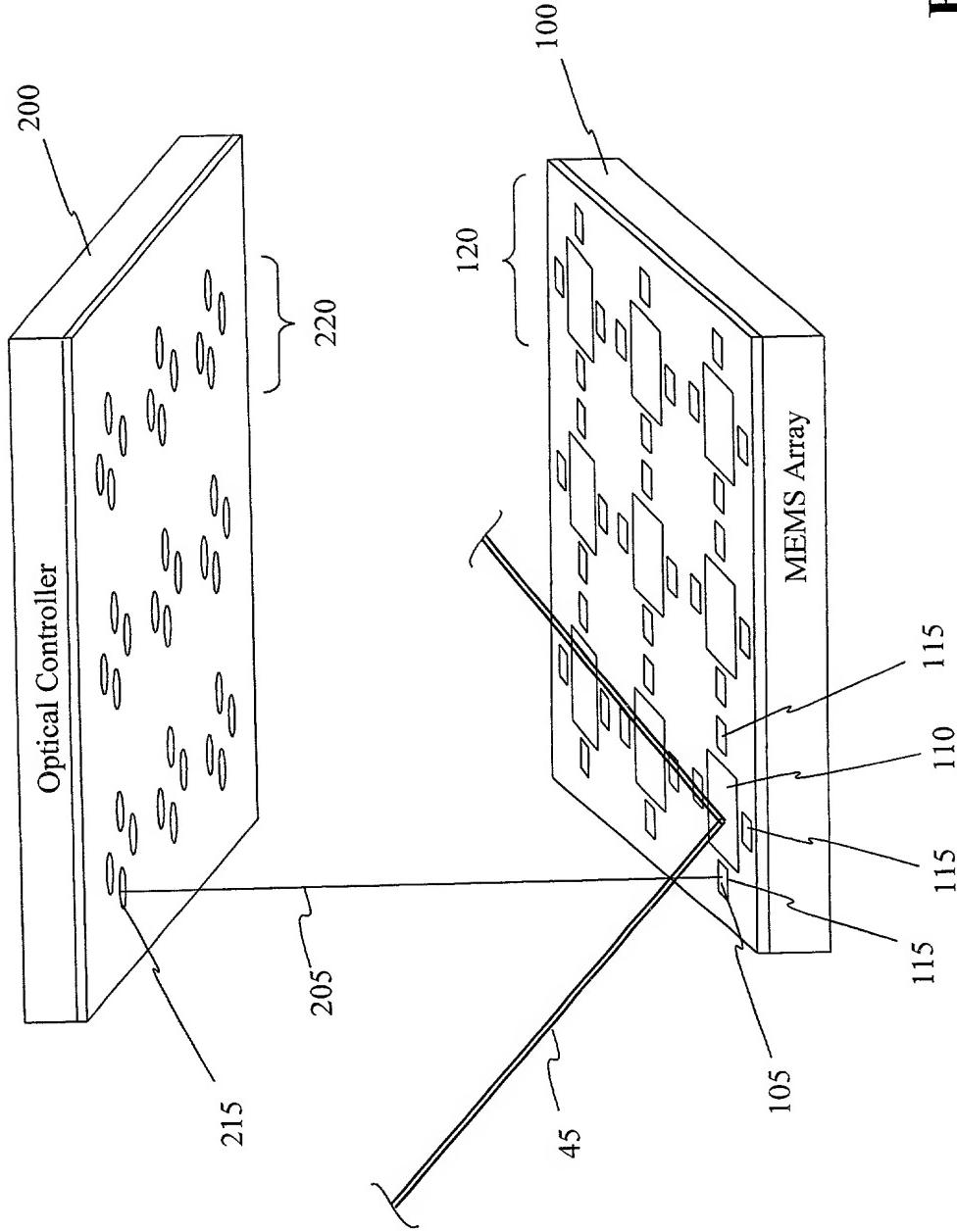


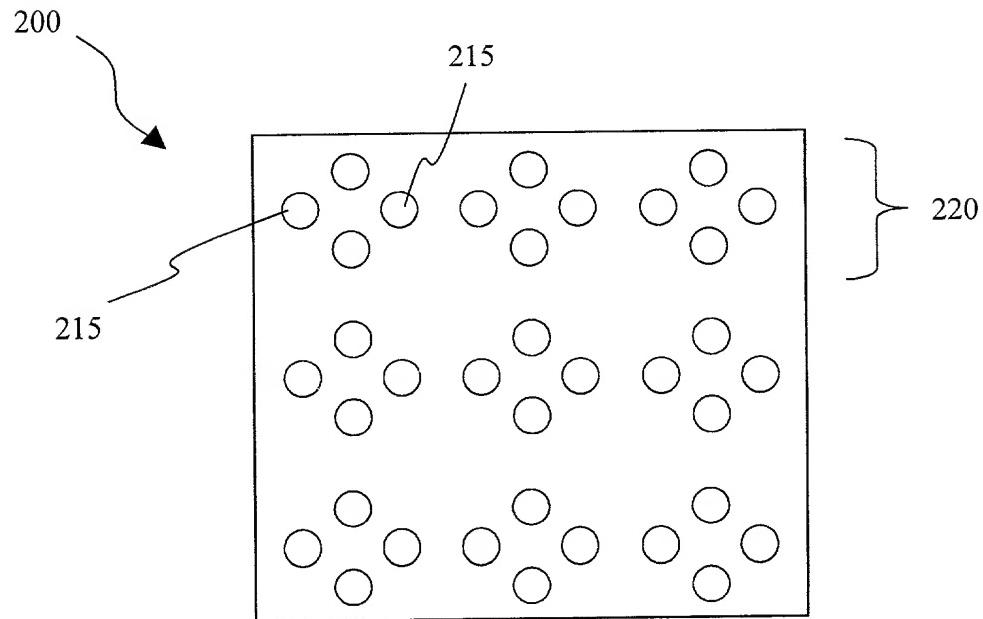
FIG. 1

**Control Beam Striking A Sensor on a MEMS Array**

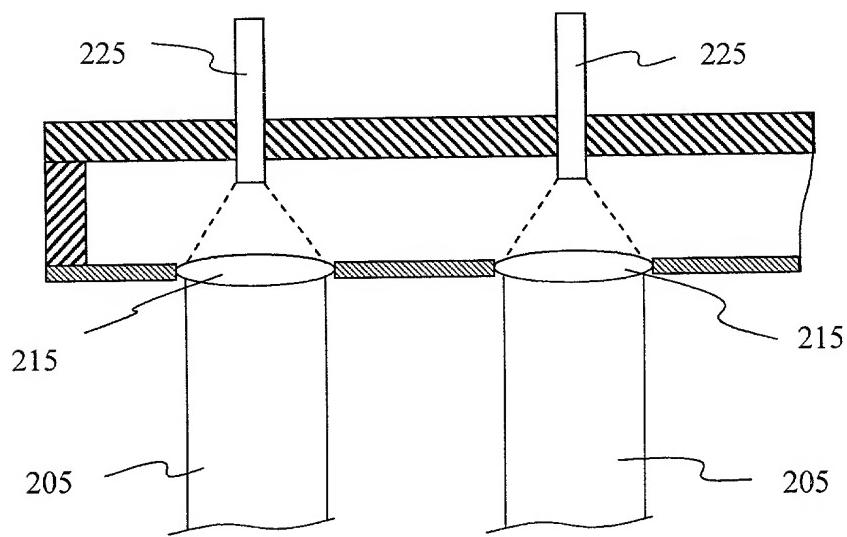


**FIG. 2**

## Optical Controller Lenslet Array

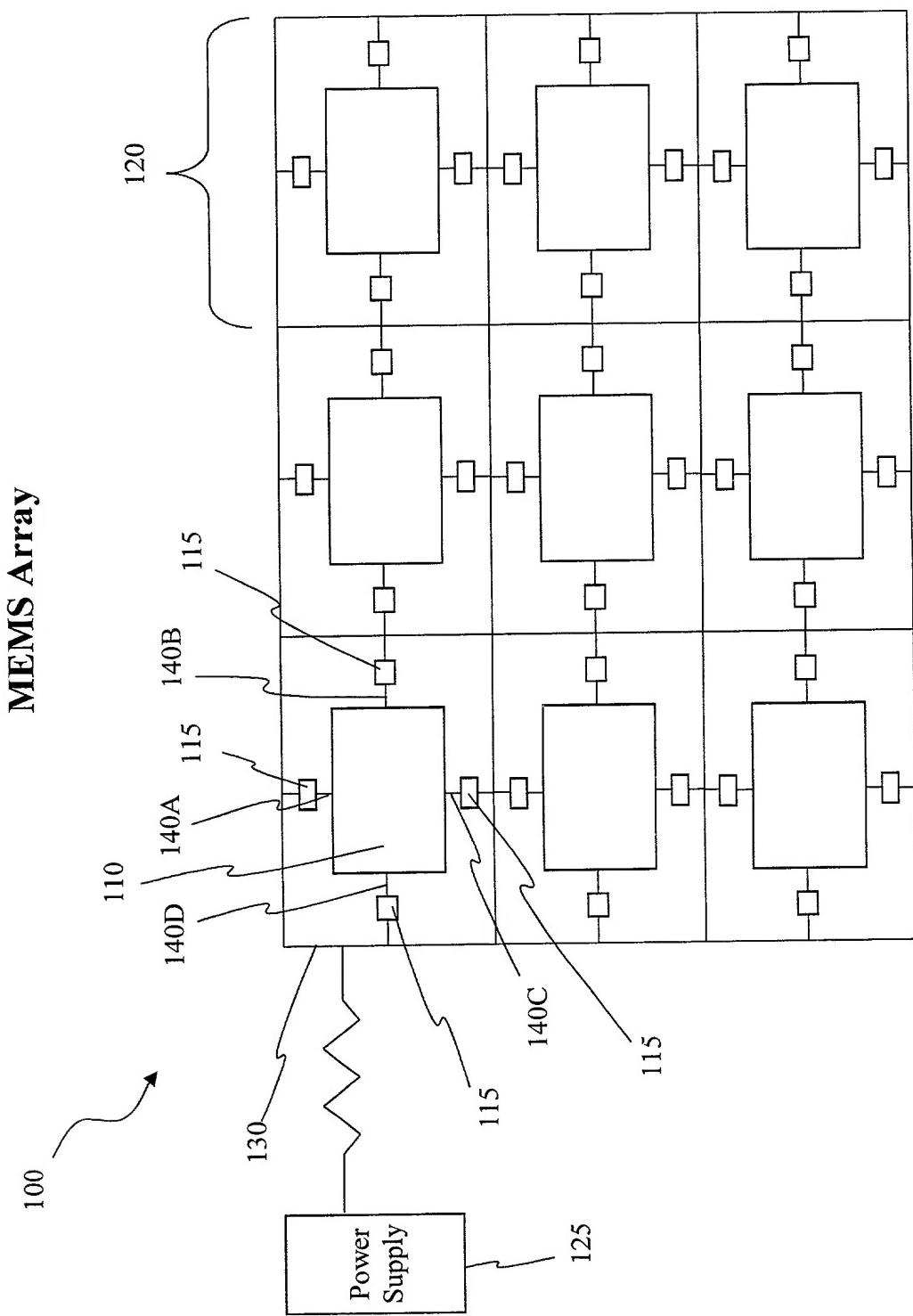


**FIG. 3**

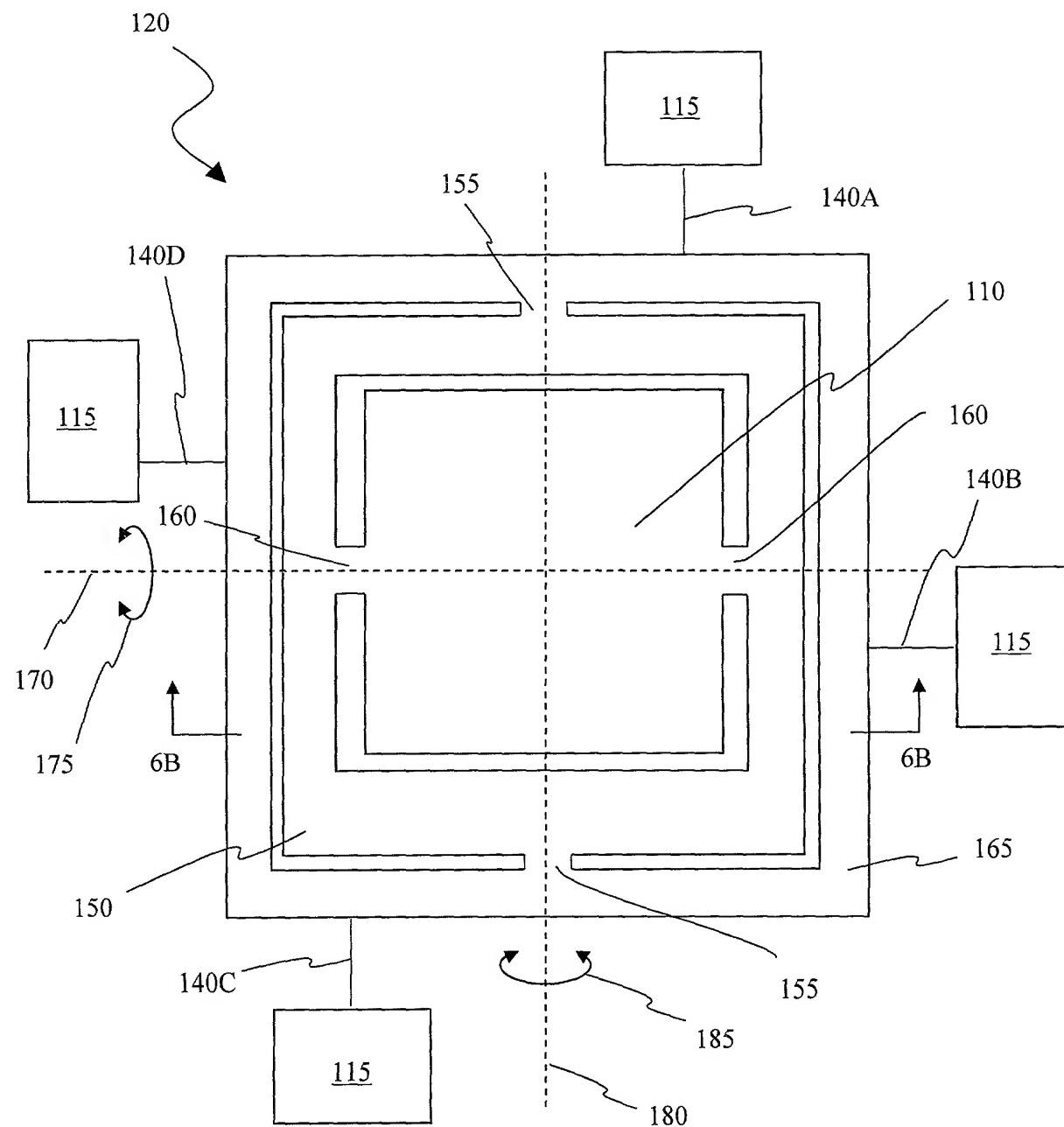


**FIG. 4**

FIG. 5

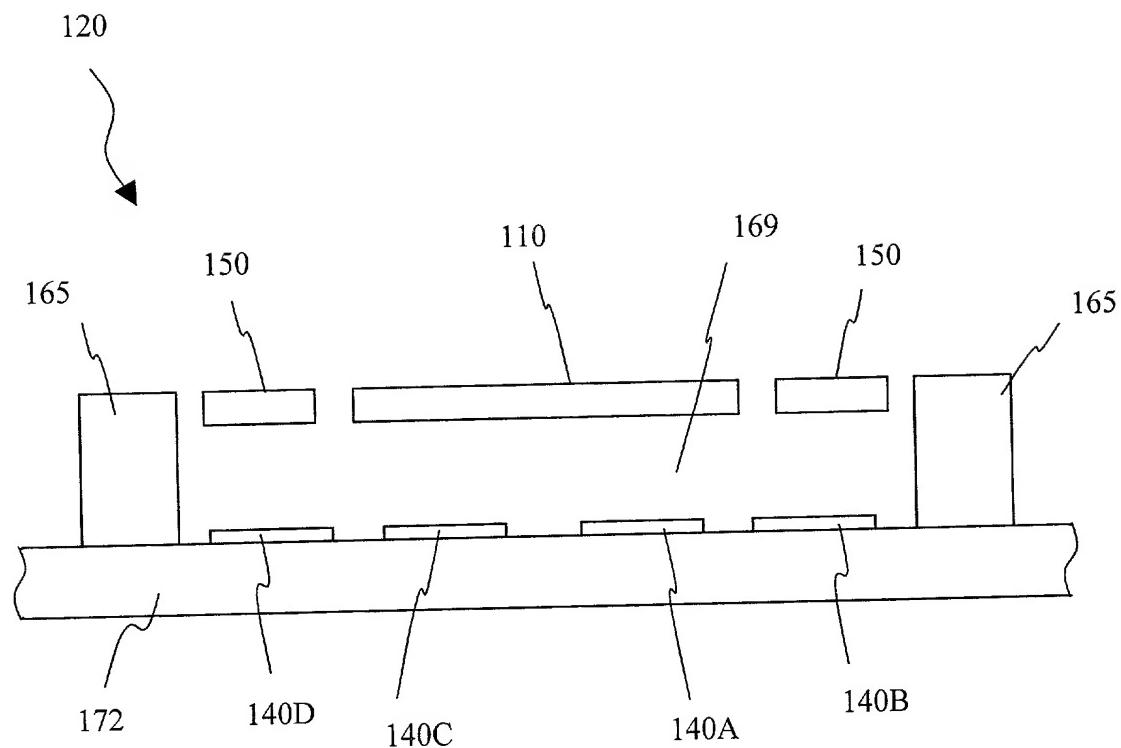


## Top View of Individual Mirror Unit



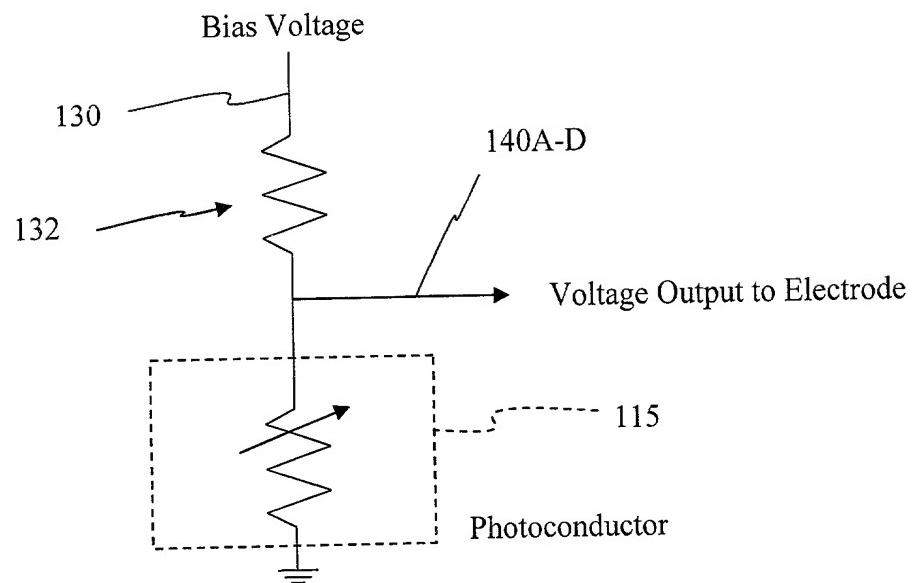
**FIG. 6A**

## Side View of Individual Mirror Unit

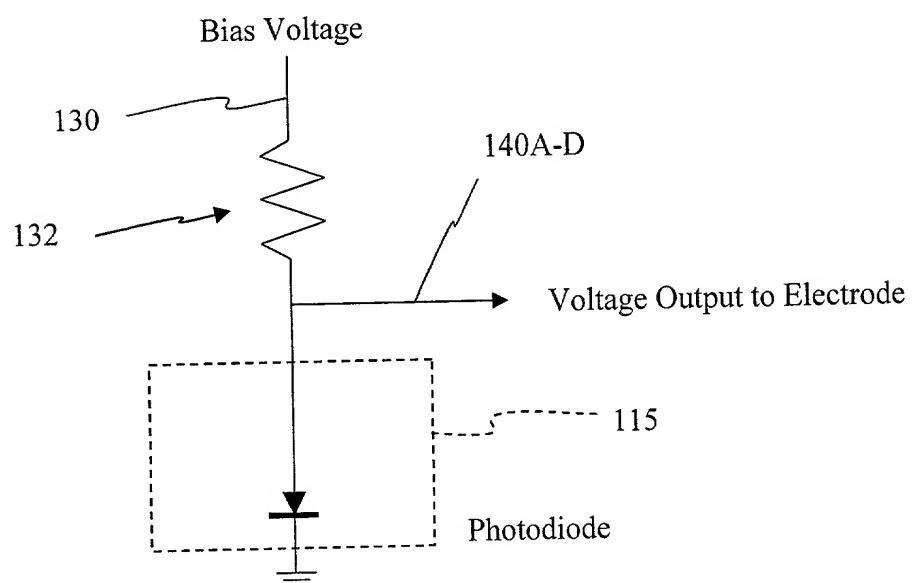


**FIG. 6B**

## Exemplary Sensor Voltage Circuits

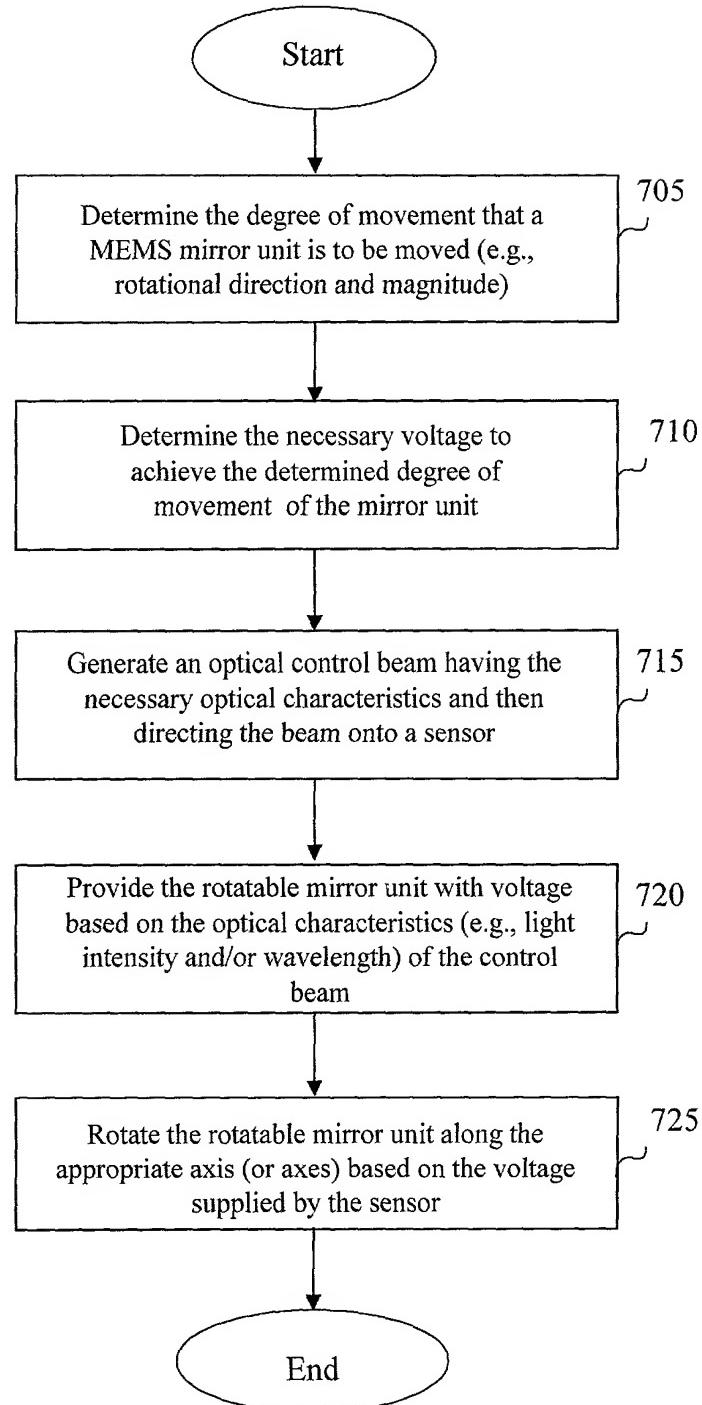


**FIG. 6C**



**FIG. 6D**

## Optical Control of a MEMS



**FIG. 7**

## Optical Switch Having Multiple Optically Addressed MEMS

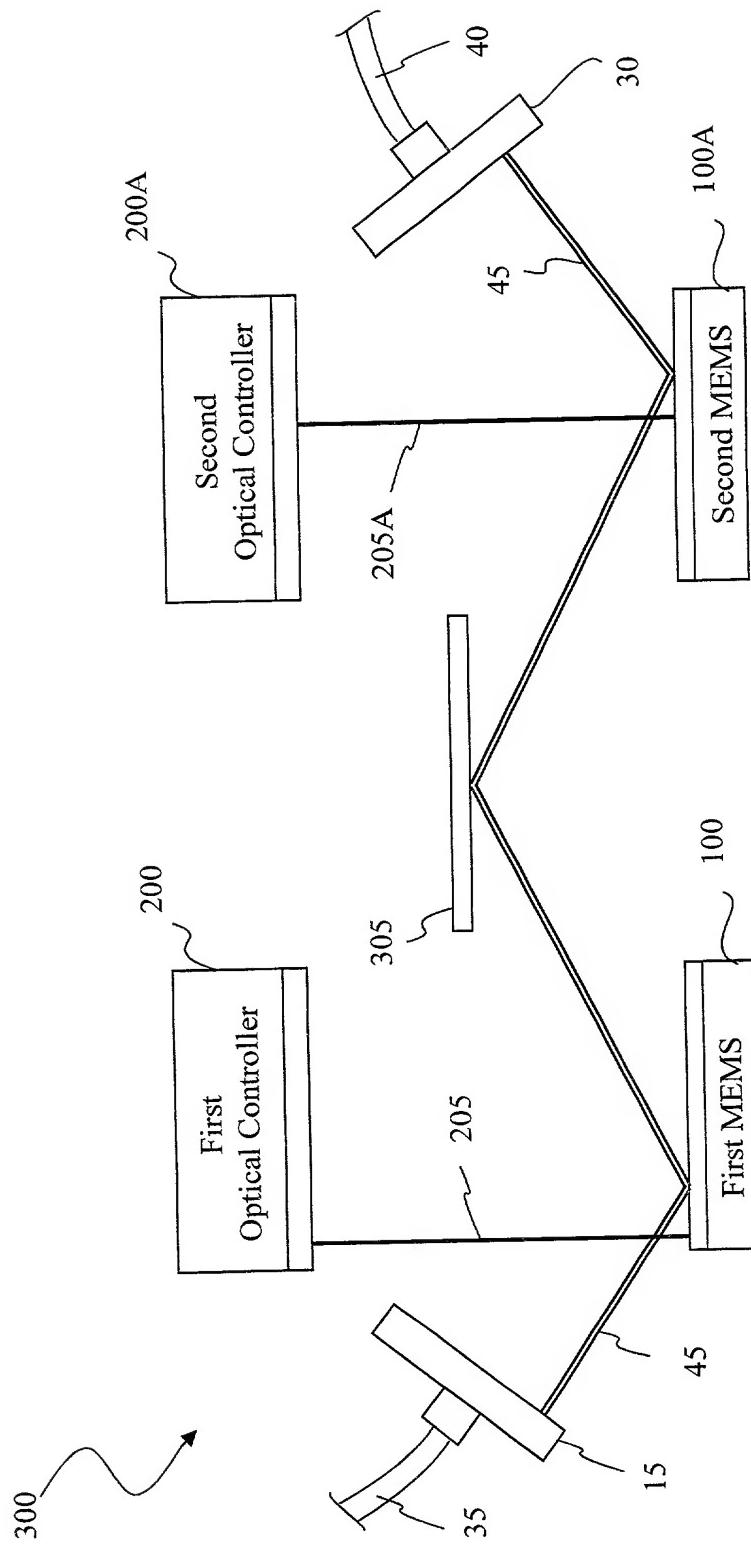


FIG. 8

## Optical Switch Having Multiple Optically Addressed MEMS

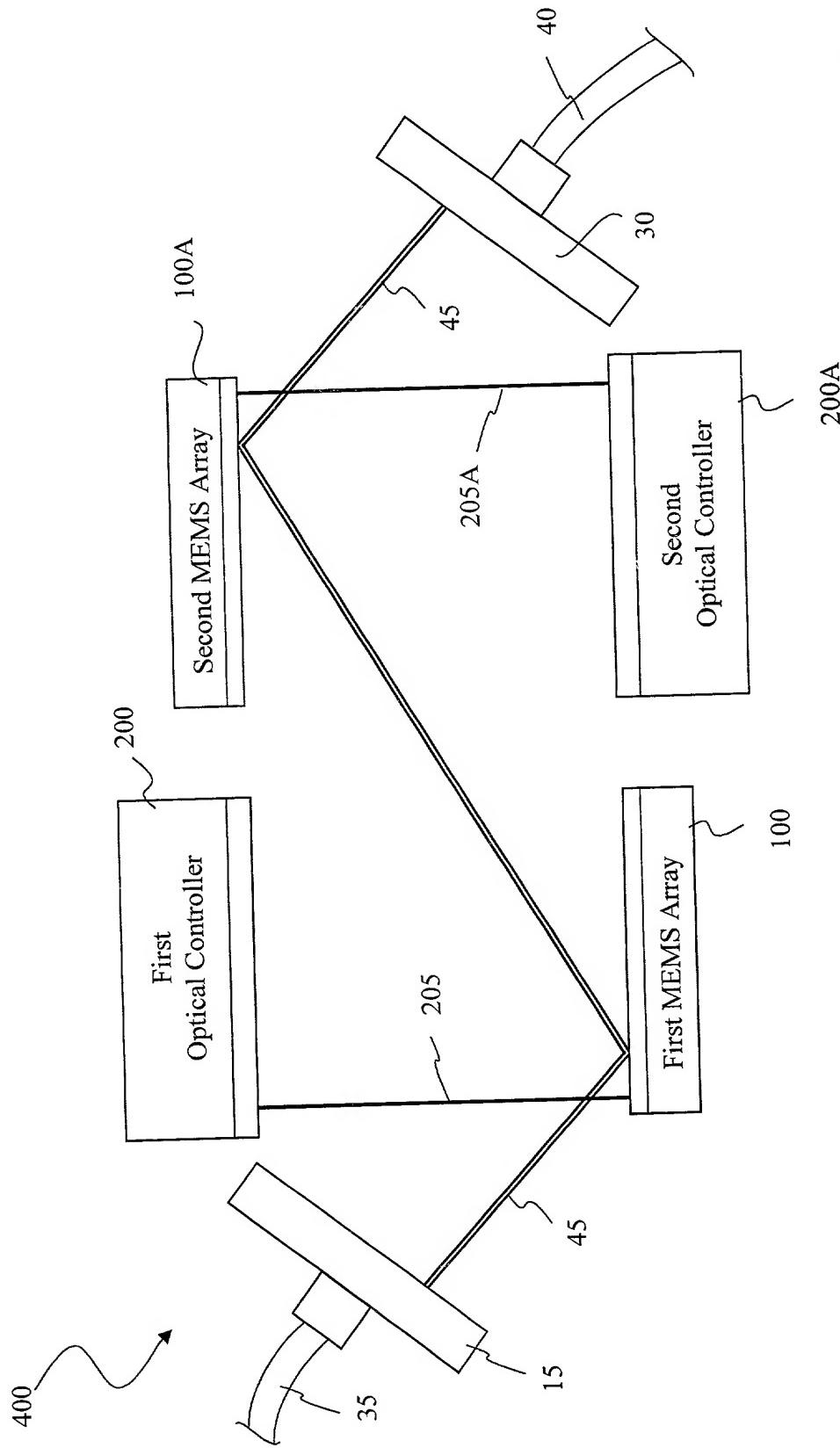
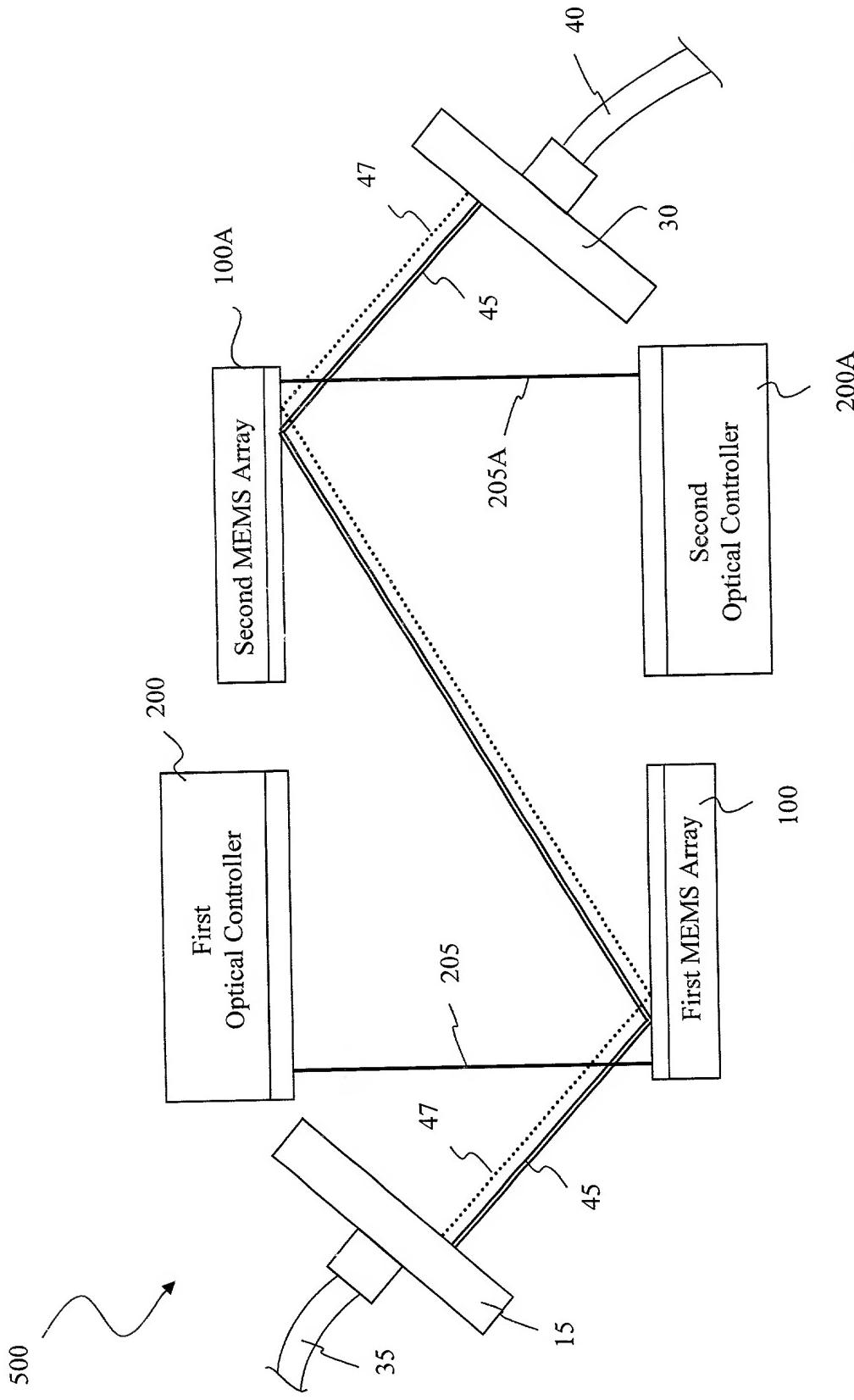


FIG. 9

**Optical Switch Utilizing An Alignment Beam And Having  
Multiple Optically Addressed MEMS**



**FIG. 10**

FIG. 11

